AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- 1. (currently amended): A sealing gasket for closure, made of a polyurethane elastomer obtained by reacting the following (A) and (B):
- (A) a polyisocyanate component having an isocyanate 5-group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate, and
- (B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups.
- 2. (currently amended): A sealing gasket for closure according to Claim 1, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to a uretdione-forming reaction, an isocyanurate_forming reaction and/or a urethanization reaction.
- 3. (original): A sealing gasket for closure according to Claim 1, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an

alicyclic isocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction.

- 4. (original): A sealing gasket for closure according to Claim 1, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of one or more high-molecular polyol(s).
- 5. (original): A sealing gasket for closure according to Claim 1, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a high-molecular polyol and a low-molecular polyol.
- 6. (original): A sealing gasket for closure according to Claim 1, wherein the polyurethane elastomer, when subjected to a retort treatment of 120°C x 30 minutes using 10 ml, per g of the polyurethane elastomer, of water, gives an extract showing a potassium permanganate consumption of 30 ppm or less.
- 7. (original): A sealing gasket for closure according to Claim 1, wherein the polyurethane elastomer has a JIS A hardness of 10 to 70, a tensile strength of 1 to 40 MPa and a compression set of 0.1 to 60%.

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- 8. (original): A process for producing a closure, which comprises reacting the following (A) and (B) at the inner side of a closure to synthesize a polyurethane elastomer in such a state that the polyurethane elastomer is integrated with the closure:
- (A) a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate, and
- (B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups.
- 9. (original): A process for producing a closure according to Claim 8, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to a uretdione-forming reaction, an isocyanurate-forming reaction and/or a urethanization reaction.
- 10. (original): A process for producing a closure according to Claim 8, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction.

- 11. (original): A process for producing a closure according to Claim 8, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of one or more high-molecular polyol(s).
- 12. (original): A process for producing a closure according to Claim 8, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a high-molecular polyol and a low-molecular polyol.
- 13. (original): A process for producing a closure according to Claim 8, wherein the polyurethane elastomer, when subjected to a retort treatment of 120°C x 30 minutes using 10 ml, per g of the polyurethane elastomer, of water, gives an extract showing a potassium permanganate consumption of 30 ppm or less.
- 14. (original): A process for producing a closure according to Claim 8, wherein the polyurethane elastomer has a JIS A hardness of 10 to 70, a tensile strength of 1 to 40 MPa and a compression set of 0.1 to 60%.
- 15. (currently amended): A process for producing a closure, which comprises lining the inner side of a closure with the following (A) and (B) and then reacting the (A) and the (B) at

150 to 240°C for 20 to 200 seconds to synthesize a polyurethane elastomer in such a state that the polyurethane elastomer is integrated with the closure:

- (A) a polyisocyanate component having an isocyanate—10 group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate, and
- (B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups.
- 16. (currently amended): A process for producing a closure according to Claim 15, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to a uretdione-forming reaction, an isocyanurate_forming reaction and/or a urethanization reaction.
- 17. (original): A process for producing a closure according to Claim 15, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction.

- 18. (original): A process for producing a closure according to Claim 15, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of one or more high-molecular polyol(s).
- 19. (original): A process for producing a closure according to Claim 15, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a high-molecular polyol and a low-molecular polyol.
- 20. (currently amended): A process for producing a closure according to Claim 15, wherein the polyurethane elastomer, when subjected to a retort treatment of 120°C x 30 minutes using 10 ml, per g of the polyurethane elastomer, of water, gives an extract showing a potassium permanganate consumption of 30 ppm or 15-less.
- 21. (original): A process for producing a closure according to Claim 15, wherein the polyurethane elastomer has a JIS A hardness of 10 to 70, a tensile strength of 1 to 40 MPa and a compression set of 0.1 to 60%.
- 22. (previously presented): A sealing gasket for closure according to Claim 2, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.

- 23. (previously presented): A sealing gasket for closure according to Claim 3, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.
- 24. (previously presented): A sealing gasket for closure according to Claim 4, wherein the one or more high-molecular polyol(s) is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 25. (currently amended): A sealing gasket for closure according to <u>Claimelaim</u> 5, wherein the high-molecular polyol is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 26. (previously presented): A process for producing a closure according to Claim 9, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.
- 27. (previously presented): A process for producing a closure according to Claim 10, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.

- 28. (previously presented): A process for producing a closure according to Claim 11, wherein the one or more high-molecular polyol(s) is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 29. (previously presented): A process for producing a closure according to Claim 12, wherein the high-molecular polyol is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 30. (previously presented): A process for producing a closure according to Claim 16, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.
- 31. (previously presented): A process for producing a closure according to Claim 17, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.
- 32. (previously presented): A process for producing a closure according to Claim 18, wherein the one or more high-molecular polyol(s) is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.

- 33. (previously presented): A process for producing a closure according to Claim 19, wherein the high-molecular polyol is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 34. (currently amended): A sealing gasket for closure, made of a polyurethane elastomer obtained by reacting the following (A) and (B) at 150 to 240°C00 for 20 to 200 seconds:
- (A) a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic[[,]] isocyanate, and
- (B) a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups.
- 35. (previously presented): A sealing gasket for closure according to Claim 34, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to a uretdione-forming reaction, an isocyanurate-forming reaction and/or a urethanization reaction.
- 36. (previously presented): A sealing gasket for closure according to Claim 35, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.

- 37. (previously presented): A sealing gasket for closure according to Claim 34, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying an aliphatic isocyanate and/or an alicyclic isocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction.
- 38. (previously presented): A sealing gasket for closure according to Claim 37, wherein the aliphatic isocyanate and/or alicyclic isocyanate is hexamethylene diisocyanate and/or isophorone diisocyanate.
- 39. (previously presented): A sealing gasket for closure according to Claim 34, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of one or more high-molecular polyol(s).
- 40. (previously presented): A sealing gasket for closure according to Claim 39, wherein the one or more high-molecular polyol(s) is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 41. (previously presented): A sealing gasket for closure according to Claim 34, wherein the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to

- 3 functional groups, consisting of a mixture of a high-molecular polyol and a low-molecular polyol.
- 42. (previously presented): A sealing gasket for closure according to Claim 41, wherein the high-molecular polyol is at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 43. (currently amended): A sealing gasket for closure according to Claim 34, wherein the polyurethane elastomer, when subjected to a retort treatment of 1200°C x 30 minutes using 10 ml, per g of the polyurethane elastomer, of water, gives an extract showing a potassium permanganate consumption of 30 ppm or less.
- 44. (previously presented): A sealing gasket for closure according to Claim 34, wherein the polyurethane elastomer has a JIS A hardness of 10 to 70, a tensile strength of 1 to 40 MPa and a compression set of 0.1 to 60%.
- 45. (new): A sealing gasket for closure according to Claim 1, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and

average 2 to 3 functional groups, consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.

- 46. (new): A sealing gasket for closure according to Claim 1, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a low molecular polyol and a high-molecular polyol consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 47. (new): A process for producing a closure according to Claim 8, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.

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- 48. (new): A process for producing a closure according to Claim 8, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a low molecular polyol and a high-molecular polyol consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 49. (new): A process for producing a closure according to Claim 15, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 50. (new): A process for producing a closure according to Claim 15, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization

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reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a low molecular polyol and a high-molecular polyol consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.

- 51. (new): A sealing gasket for closure according to Claim 34, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.
- 52. (new): A sealing gasket for closure according to Claim 34, wherein the (A) is a polyisocyanate component having an isocyanate group content of 5 to 38% by weight and average 2 to 3 functional groups, obtained by modifying hexamethylene diisocyanate and/or isophorone diisocyanate according to an isocyanurate-forming reaction and/or a urethanization reaction; and the (B) is a polyol component having a hydroxyl value of 20 to 350 mgKOH/g and average 2 to 3 functional groups, consisting of a mixture of a low molecular polyol and a high-molecular polyol consisting of at least one member selected from polytetramethylene ether glycols and adipate type polyester polyols.